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[54] **SYSTEM FOR TRANSMITTING CHARGE INFORMATION TO A WIRELESS SUBSCRIBER VIA A FORWARDED SUPERVISORY SIGNAL**

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[58] **Field of Search** 455/405, 406, 455/407, 408, 409, 422, 550; 379/143, 155, 229, 235

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[57] **ABSTRACT**

The invention relates to a radio system realizing a wireless subscriber interface, the system including a subscriber station (1) which comprises means (8, TRX) for forwarding, on the radio path, a supervisory signal received on the radio path, a base station (5) which monitors the connection to the subscriber station by means of the supervisory signal, and a subscriber network element (6) for transmitting communication signals between a communication system (PSTN) and the subscriber station (1). In order to transmit charging information, the subscriber network element (6) comprises detecting means (9) for detecting a home metering pulse transmitted from the communication system (PSTN), whereby the control unit (11) is arranged to control the supervisory means (10, 14) for sending a charging signal to the subscriber station (5) by means of the supervisory signal in response to detecting the home metering pulse, and the subscriber station (1) comprises a detecting means (12) for detecting the charging signal, and a signal generator (13) responsive to the detecting means (12) for generating and feeding a home metering pulse to the user interface (2) in response to detecting the charging signal.

9 Claims, 2 Drawing Sheets